

FIG. 1A
(PRIOR ART)

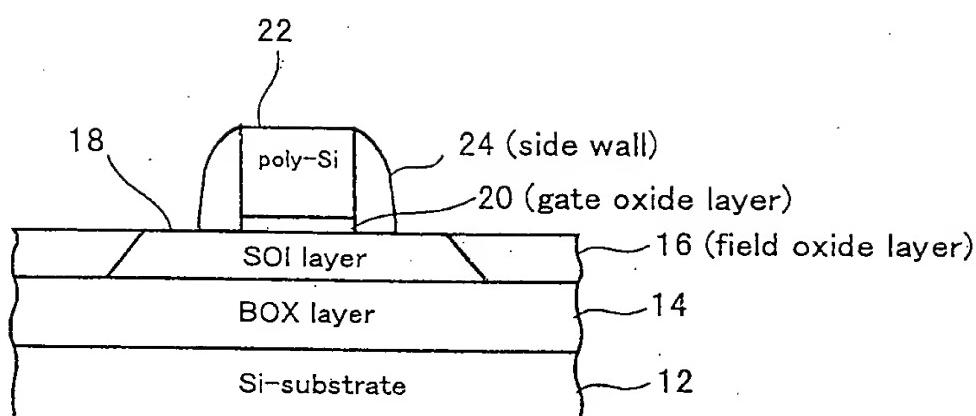


FIG. 1B
(PRIOR ART)

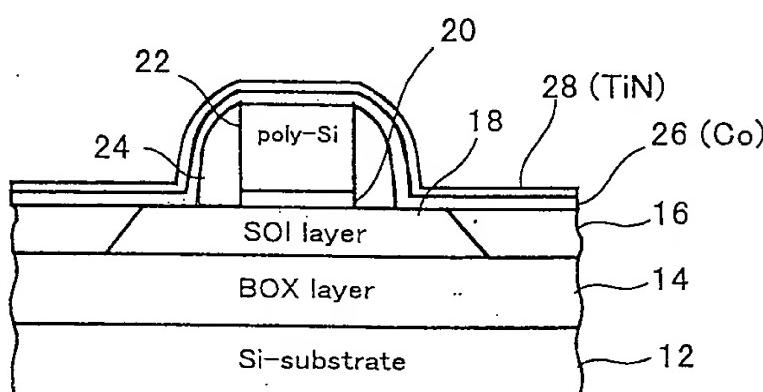
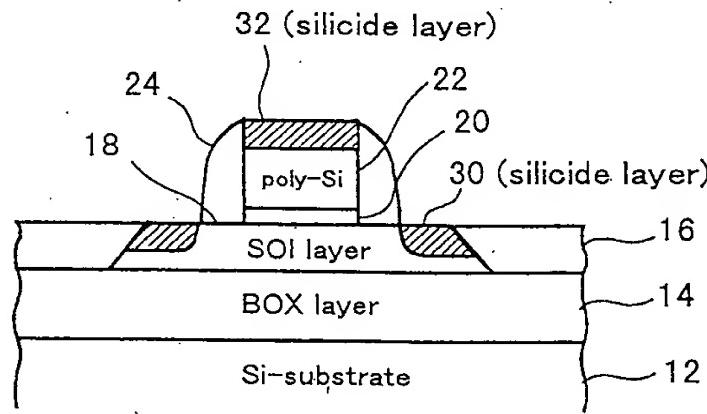


FIG. 1C
(PRIOR ART)



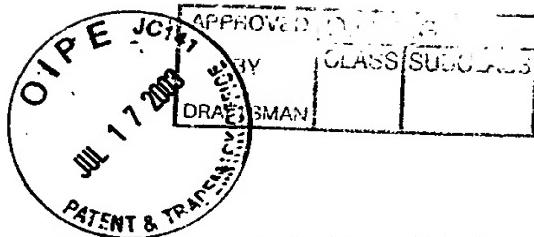
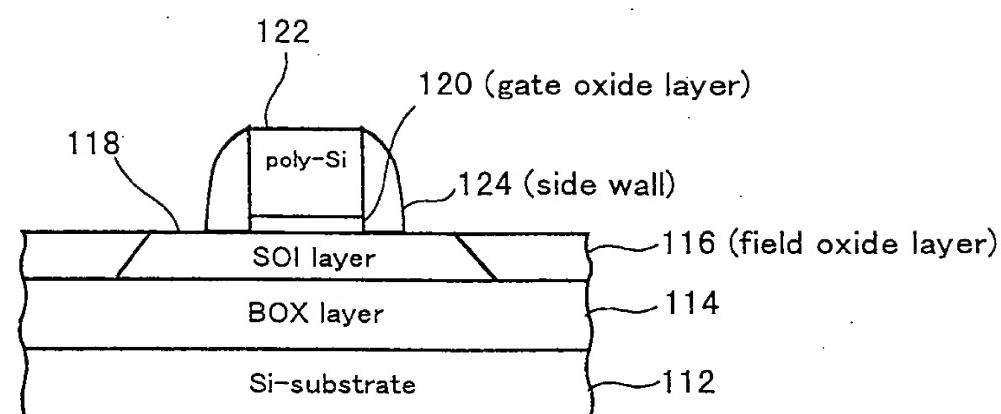
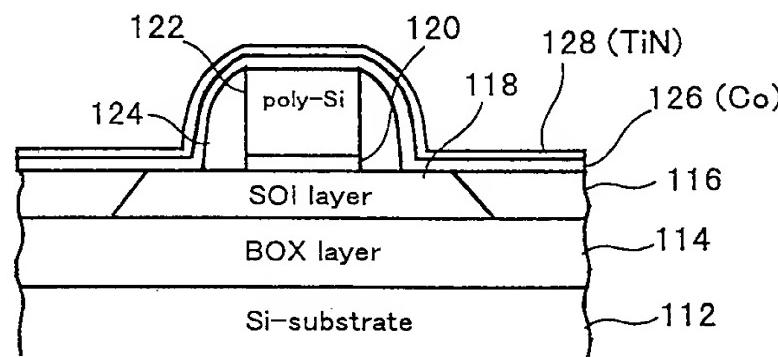


FIG. 2A



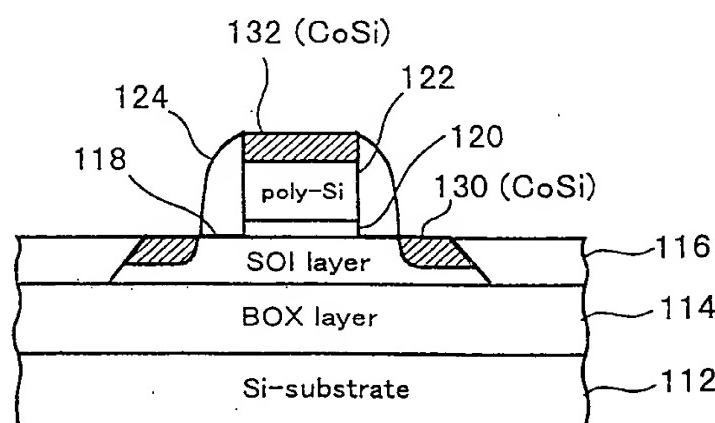
↓ Sputtering
(TiN, Co)

FIG. 2B



↓ 1st RTA

FIG. 2C



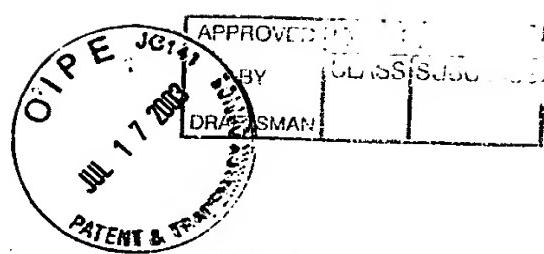


FIG. 3A

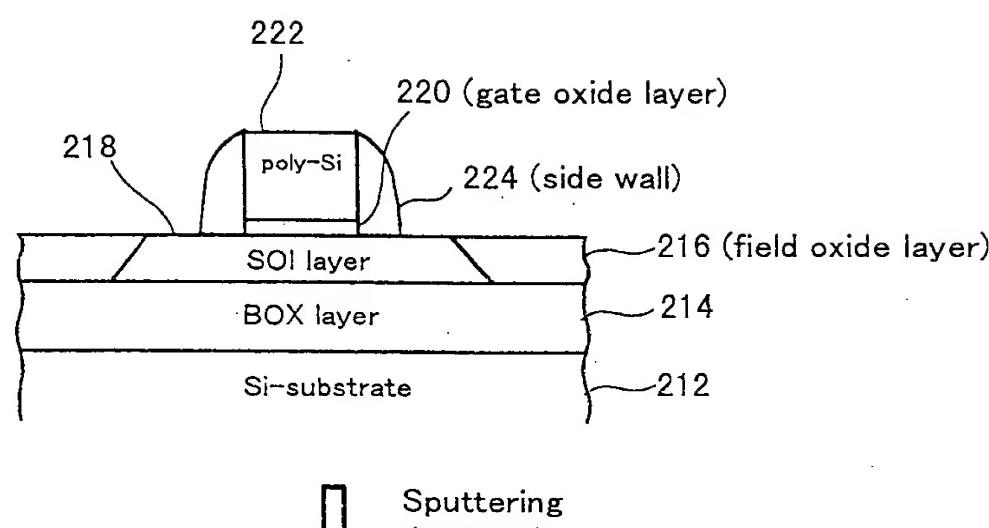
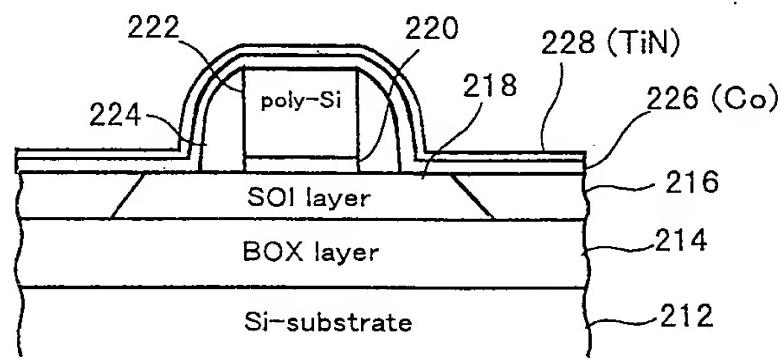
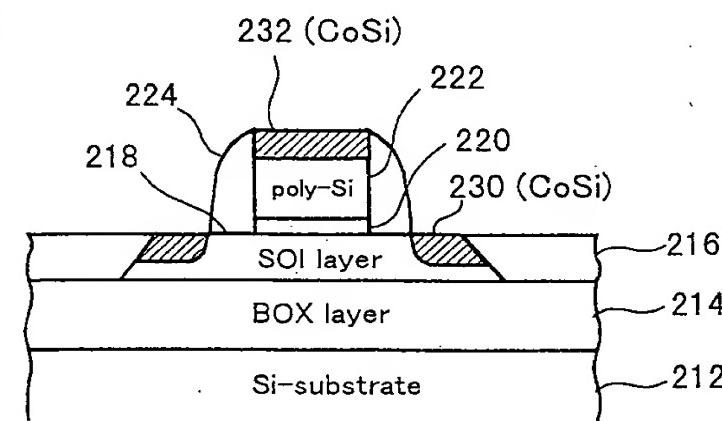


FIG. 3B



↓ 1st RTA

FIG. 3C



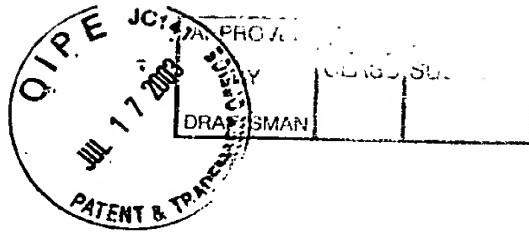


FIG. 4A

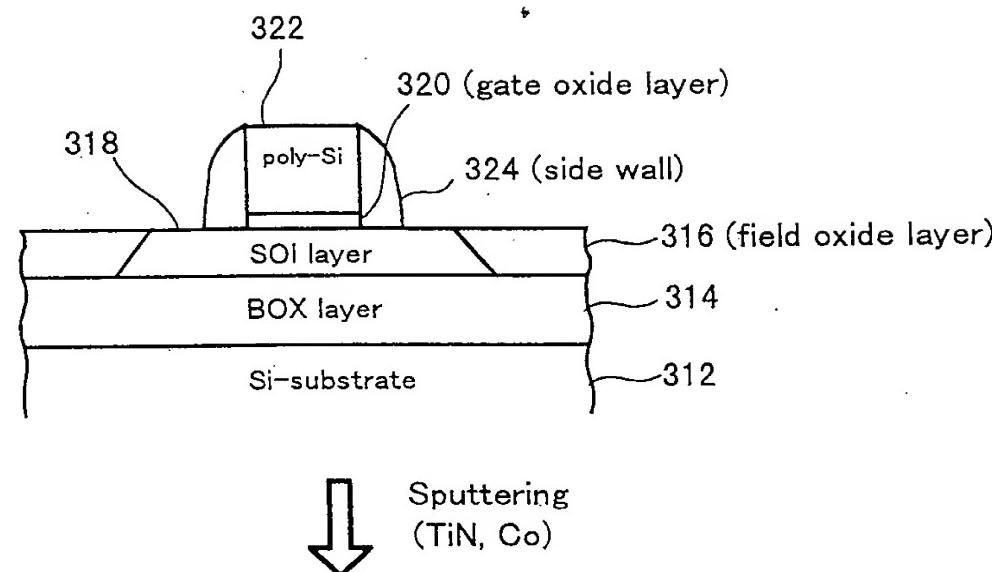


FIG. 4B

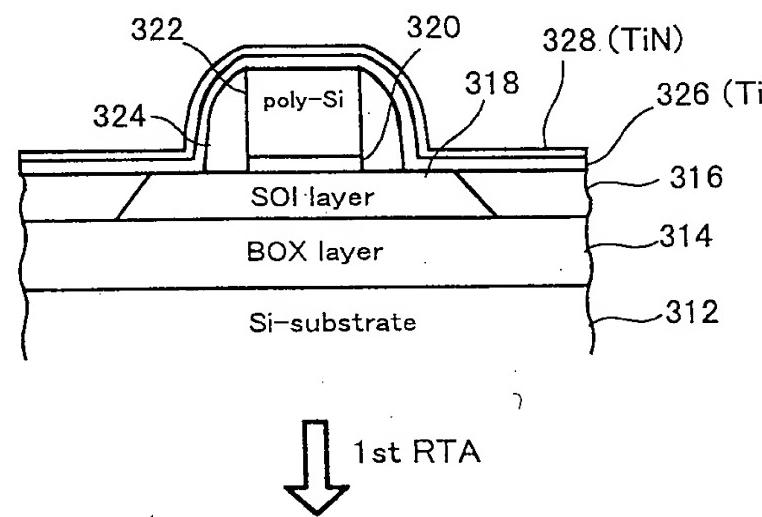
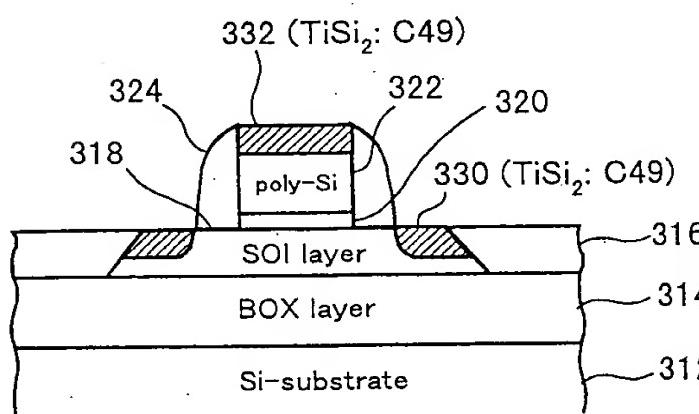


FIG. 4C



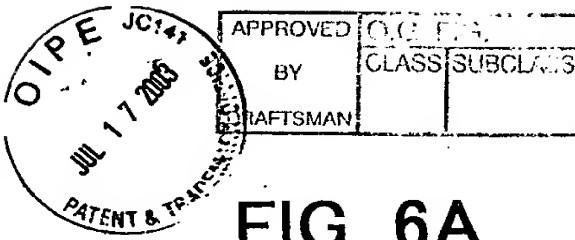


FIG. 6A

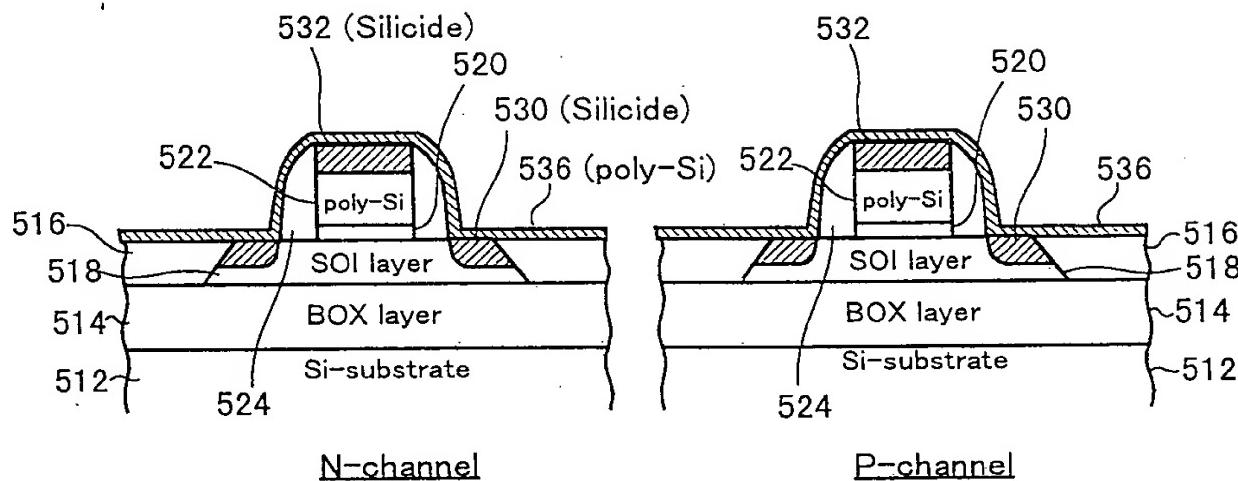


FIG. 6B

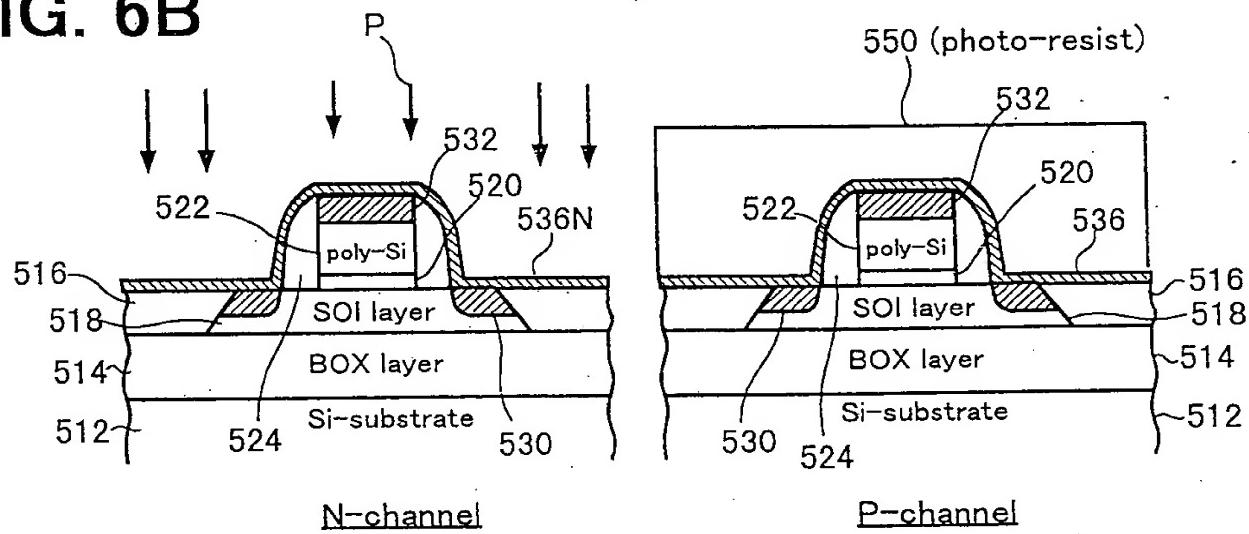


FIG. 6C

